

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	79285	(sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 generat\$3 measur\$3 monitor\$3 observ\$4 acquir\$4) near5 ( (head transducer actuator\$1 VCM (coil adj motor) HGA HAS (load adj beam\$1)) (((voice-coil (voice near2 coil) voicecoil coil) near2 motor) VCM)) near4 (location position located positioned)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 11:59
L2	8766	(Bemf bemv beme (back near (emf emv eme electromotive (electro adj motive) electro-motive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 11:59
L3	982	((((power\$3 start\$4 spin\$3) near2 up) spin\$4-up spinup start\$4-up start\$4up power\$3-up power\$3up) with ((spindle near motor) spindle-motor SPM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 11:59
L4	4	L1 same L2 same L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 11:59
L5	48858	((voice-coil (voice near2 coil) voicecoil coil) near2 motor) VCM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:00
L6	11492006	sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 reciev\$3 generat\$3 measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:49
L7	6802133	previous\$3 former\$3 prior\$3 initial\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:00
L8	2671829	actuator\$1 transducer head	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:00
L9	8766	(Bemf bemv beme (back near (emf emv eme electromotive (electro adj motive) electro-motive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:00
L10	2	"US 20050201000"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/09/12 13:46

## EAST Search History

L11	289	360/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L13	1059	360/70.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L14	5134	360/71.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L15	7716	360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L16	188	360/78.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L17	115	360/78.08.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L18	149	360/78.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:47
L19	0	(sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 measur\$3) with (previous\$3 former\$3 prior\$3 initial\$3) with (position\$3 location\$3 locat\$3 track sector cylinder) with (((power\$3 start\$4 spin\$3) near2 up) spin\$4-up spinup start\$4-up start\$4up power\$3-up power\$3up) with ((spindle near motor) spindle-motor SPM) with (transducer slider head)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:53
L20	6	(sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 measur\$3) with (position\$3 location\$3 locat\$3 track sector cylinder) with (((power\$3 start\$4 spin\$3) near2 up) spin\$4-up spinup start\$4-up start\$4up power\$3-up power\$3up) with ((spindle near motor) spindle-motor SPM) with (transducer slider head)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:53

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L21	754	((sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 measur\$3) with (position\$3 location\$3 locat\$3 track sector cylinder) with (transducer slider head)) same (((power\$3 start\$4 spin\$3) near2 up) spin\$4-up spinup start\$4-up start\$4up power\$3-up power\$3up)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:55
L22	185	((sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 measur\$3) with (previous\$3 former\$3 prior\$3 initial\$3) with (transducer slider head)) same (((power\$3 start\$4 spin\$3) near2 up) spin\$4-up spinup start\$4-up start\$4up power\$3-up power\$3up)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:07
L23	46	21 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:55
L24	125349	"324".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:55
L25	89641	"369".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:55
L26	10	22 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:56
L27	54	21 and (11 13 14 15 16 17 18)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:56
L28	8	27 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 14:05
L29	207	21 and "360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:57

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L30	16	21 and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:57
L31	58	21 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:57
L32	1	30 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:57
L33	4	31 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:57
L36	3	((sens\$3 detect\$3 determin\$3 calculat\$3 deriv\$3 estimat\$4 judg\$3 measur\$3) and (previous\$3 former\$3 prior\$3 initial\$3) and (track cylinder position location place\$4 park\$4) and (transducer slider head)) and (((power\$3 start\$4 spin\$3) near2 up) spin\$4-up spinup start\$4-up start\$4up power\$3-up power\$3up) and (Bemf bemv beme (back near (emf emv eme electromotive (electro adj motive) electro-motive))))).clm.	US-PGPUB	OR	ON	2007/09/12 14:10